Author Index

A Addlerley, D., 43 Androwich, I., 23

B Beale, B., 77 Bingham, R.M., 137 Bloom, K.C., 82 Bowles, K.H., 191 Buffone, G.J., \$53 Button, P., 23

Clarke, M., 23 Corbin, L., S87

Daly, J.M., 23, S77, S82 Dassen, T., 307 DeAmicis, P.A., 155

Elliott, D., 91, 205 Epping P.J.M.M., 307 Errante-Zwirn, E., 255

Gabrieli, E.R., S48 Geraci, E.P., 199 Goossen, W.T.F., 307 Greenberg, M., S23 Guard, J.R., 316

H Hales, J.W., S61 Hammond, W.E., S61 Hern, M., 316 Ho, J., S14 Ho, S., S14 Hyde, C., 43

I Ihrke, B., 255 Isoaho, H., 324 J Jarvis, L.A., 77 Johnson, M., S82

K Kenney, C., 91, 205 Kenrick, M., 37 Kovner, C., 237

L Laidlow, V.T., 30 Lakeman, R., 269 Leino-Kilpi, H., 324 Lewis, D., 71, 187 Lobach, D.F., S61 Lunney, M., 333

Maas, M.L., S82
Mallard, C., 237
Manning, J., 141
Marasovic, C., 91, 205
Martin K., 77
Martin, P.A., S38
Mauseth, P., 43
Mayes, R, S23
McConnell, E.A., 141
McCormick, K., S23
McDaniel, A.M., 129
McGreevey, C., S87
McHugh, M.L., 245
Mech, A., 30
Moreau, D., S53

N Nadzam, D., S87 Nelson, D.A.F., S43 Newfield, S., 187

Mueller, C., 255

Panniers, T. L., 30 Parker, C.D., 30 Prophet, C.M., 23 R Redes, S., 333 Regan, J., S23 Renner, A. L., S7, S23 Richardson, V., 255 Riner, M.E., 255

Saba, V.K., S69 Saranto, K., 324 Schaller, P., 245 Schuchman, L., 237 Scordo, K.A., S33 Simpson, G., 37 Sindhusake, D., 91, 205 Smolen, R.A., 255 Snyder-Halpern, R., 147 Song, L., S14 Stone, C., 255 Straube, M.J., S61 Swart, J.C., S5, S7

Trice, L.B., 82 Trigg, J., 316

U Uddin, D.E., S38

Watson, J.E, 71, 187 Weitkamp, T., 316 Wilson, M., 255

Δ

Academic advising, increasing effectiveness and efficiency through computerization, 137

Adaptive computing, 302 Administrators, changing roles of in

distance education, 69
ADVISOR 2.0—Training Strategy
Decision Support Tools, 219

Attitudes

of Australian nurses toward implementation of clinical information system, 91

toward computerization in clinical practice in British general hospital,37

of nursing students, toward learning environments in information technology, 324

Australia, attitudes of nurses toward implementation of clinicalinformation system in, 91

Automation, managing human side of change to, 67

B

Back Safety, 295 Basic Infection Control, 295 Benchmarks, of JCAHO, S87 Book Reviews

A Comparison of Internet Books for Health Care Professionals, 173

Data Analysis and Statistics for Nursing Research, 56

Evaluation Methods in Medical Informatics, 167

Information Technology for Integrated Health Systems: Positioning for the Future, 5

NetPractice: a Beginner's Guide to Healthcare Networking on the Internet, 281

Nursing Interventions Classification, 219 Brainstorming, electronic, \$33 Breast Cancer Lighthouse, 9 Britain, attitudes toward computerization in clinical practice ingeneral hospital in, 37

C

Care maps, prototype patient care database and, 129

Change theory, applied to computers in home care, 199

Clinical information systems, 232 attitudes of Australian nurses toward implementation of, 91

attitudes toward computerization in clinical practice in British general hospital and, 37

comparison of nursing activities associated with manual and automated documentation in intensive care unit, 205 nursing interventions classification and, 23

Clinical Oncology Library on CD-ROM, 227

Clinical placement, computerized tracking of, 19

Clinical processes, conceptual framework for managing, \$53

Clinical research, importance of patient core data set to, \$38

Clinical services, contract negotiation for, 30

Clinical Simulations in Maternity Nursing II, 294

Communication Skills: Building Rapport and Trust, 291

A Comparison of Internet Books for Health Care Professionals, 173

Computer-based patient record systems, integration into primary caresetting, \$61

Computerization

attitudes toward, in clinical practice in British general hospital and, 37 faculty concerns regarding, 71 impact on nurses, 43

Computerized medical records systems. See Electronic medical records

Computerized tracking, for clinical placement, 19

Computer security, 65

Computer workshops, concerns regarding adoption of computer technology and, 71

Continuing education, changing delivery of, 17

Contract negotiation, 30

CPR for Windows, 281

Critical care, attitudes of Australian nurses toward implementation of clinical information system and, 91

Critical nursing skills, interactive videodisc instruction as method for learning and performing, 155

Cumulative trauma disorders, ergonomic nursing workstations to prevent, 245

CyberPilot Pro, 47

D

Data Analysis and Statistics for Nursing Research, 56

Databases, development of, nursing interventions classification and, 23

Data collection, defined minimum data set and, S42

Data dictionaries, integration of patient record system into primarycare setting and, S61

Decision making

defined minimum data set and, S42 readiness of health services organizations for computer innovation and, 147

Desktop computers, 181

Distance education, changing roles of administrators, faculty, and students in, 69

Drug information, computerized warehouse of, 177

E

Education. See Nursing education Electronic brainstorming, \$33 Electronic health care resources, partnerships for health carepractice information, 117

Electronic medical records defined minimum data set and, \$42

integration of patient record system into primary care setting and, S61 longitudinal, S48

nursing information systems as component of, criteria for, 307

E-mail, Internet for data collection in nursing research and, 269

Ergonomic nursing workstations, to prevent cumulative trauma disorders, 245

Essentials of Cardiac Rhythm Recognition, II

Evaluation Methods in Medical Informatics, 167

F

Faculty

changing roles of in distance education, 69 concerns regarding adoption of computer technology, 71

Fire Safety: Computer Based Competency Training from the JCAHO, 223

G

Group Systems, S33 Groupware, electronic brainstorming and, S33

н

HealthCare Computing 97, 177 Health care outcomes, of JCAHO, S87

Health care practice information, partnerships for, 117

Health data set. See Minimum data sets; Patient core dataset Health information systems computerized health screening program and, 77

integrated patient information system, S14

patient core data set and, S5 readiness of health services organizations for, 147

Health promotion, via Internet, 316 Health screening program,

computerized, 77 Health services organizations, readiness for computer innovation, 147

Health services research, importance of patient core data set to, \$38

Home health care

computers in, change theory applied to, 199

pen-based computers for, 237

Home Health Nursing: Applying Problem Solving Strategies, 289

1

Indicator measurement system, of JCAHO, S87

Informatics

medical

defined minimum data set and, S42

patient core data set as standard for longitudinal health/ medical recordand, S7

nursing

barriers and benefits of nursing information systems and, 191

organizations concerned with, 122

Information policy, criteria for nursing information systems ascomponent of electronic patient record and, 307

Information systems

clinical. See Clinical information systems

federal and private sector roles in development of minimum data sets andcore health data elements and, S23

health. See Health information systems

home health care classification as recognized nursing nomenclature and, \$69 importance of patient core data set to research and, \$38 nursing.

See Nursing information systems patient, integrated, \$14

Information technology, attitudes of students toward learning environments in, 324

Information Technology for Integrated Health Systems: Positioning forthe Future, 5

Innovation, readiness of health services organizations for, 147

Intensive care units, comparison of nursing activities associated with manual and automated documentation in, 205

Interactive television, multimedia slide shows with, 234

Interactive videodiscs, as method for learning and performing critical nursing skills, 155

Internet

for data collection in nursing research, 269 health promotion via, 316 new sites on, 10, 60, 112, 176, 223

RNdex Case Management for access to, 5

Intravenous therapy skills, interactive videodisc instruction as method for learning and performing, 155

1

Joint Commission on Accreditation of Healthcare Organizations, indicator measurement system of, S87

L

Laptop computers, 15 Learning environments, in information technology, attitudes of students toward, 324

Legal issues, in contract negotiation, 30 Longitudinal electronic medical

records, S48

M

Management, increasing effectiveness and efficiency of

academic advising through computerization, 137

Medical informatics defined minimum data set and,

S42 patient core data set as standard for longitudinal health/

medical record and, S7
Medical information systems,
integrated patient information
system, S14

Medical nomenclature, defined minimum data set and, S42

Medical records, electronic. See Electronic medical records

The Merck Manual of Geriatrics TextStack, 107

The Merck Manual TextStack, 169 Minimum data sets. See also Patient core data set

classification of nursing outcomes and, for data sets for nursing and health care effectiveness, S82

defined, S42

Mosby's Medical Encyclopedia for Health Consumers, 5

Mosby's Medical Encyclopedia for Health Professionals, 5

Multimedia presentations with interactive television, 234 presentation hardware options for, 304

N

NATASHA-II-IV, 293 NCLEX-PN, computerized preparation programs for, 255

NCLEX-RN, computerized preparation programs for, 255

Neurological Assessment: Head Trauma, 292

Nine Month Miracle, 159

Nomenclature. See also Standardized language medical, defined minimum data set and, S42

nursing

home health care classification as, \$69

nursing interventions classification in patient core data set and, \$77

validation for computer soft-

ware for school nursing, 333

prototype patient care database and, 129

Nurses as Teachers, 167

Nursing activities, associated with manual and automated documentation in intensive care unit, comparison of, 205

Nursing education

adaptive computing in, 302 attitudes of students toward learning environments in information technology and, 324

changing roles of administrators, faculty, and students in distance education and, 69

computerized health screening program and, 77

computerized tracking of clinical placement in, 19

continuing, changing delivery of, 17

efficacy of individualized computerized testing in, 82

increasing effectiveness and efficiency of academic advising through computerization, 137

technology integration strategies and, 187

Nursing informatics

barriers and benefits of nursing information systems and, 191 organizations concerned with, 122

Nursing information systems barriers and benefits of, 191 criteria for, 307 nursing interventions

classification and, 23

technology assessment as framework for generating questions useful in evaluating, 141

Nursing Interventions Classification, 23, 219

in patient core data set, \$77 validation for computer software for school nursing, 333

Nursing nomenclature

home health care classification as, \$69

nursing interventions classification in patient core data set and, \$77 validation for computer software for school nursing, 333

Nursing outcomes, classification of, for data sets for nursing and health care effectiveness, S82

Nursing records, longitudinal electronic medical records and, \$48

0

Object-oriented analysis, for managing clinical processes, \$53

Outcomes

health care, of JCAHO, S87 nursing, classification of, for data sets for nursing and health care effectiveness, S82 prototype patient care database and, 129 research on, importance of

patient core data set to, \$38

P

Palmtop computers, 183 Parameter records, longitudinal electronic medical records and, S48

Partnerships, for health care practice information, 117

Patient care databases, prototype, 129

Patient core data set

federal and private sector roles in development of minimum data sets and core health data elements and, \$23

importance to research, S38 integrated health information system and, S5

integrated patient information system, S14

nursing interventions classification in, \$77

as standard for longitudinal health/medical record, \$7

Patient information system, integrated, \$14

Patient outcomes. See Outcomes Patient records, electronic. See

Electronic medical records Pen-based computers, for home

health care, 237

Performance measures, of JCAHO, \$87

Personal computers, 181

The Physiological Origins of Heart Sounds and Murmurs: The Unique Interactive Guide to Cardiac Diagnosis, 56

Policy research, importance of patient core data set to, \$38

Presentation hardware, for multimedia, 304

Primary care setting, integration of patient record system into, S61

Provider/computer interfaces, integration of patient record system into primary care setting and, S61

Psychomotor skills: Care of the Nasogastric Tube, 221

R

RALE: Lung and Heart Sound CAI Software, 110

Reengineering, of clinical processes, \$53

Research

computerized health screening program and, 77

on criteria for nursing information systems, as component of electronic patient record, 307

importance of patient core data set to, \$38

Internet for data collection in, 269

RNdex Case Management, 299

S

School nursing, validation of nursing intervention classification forcomputer software for, 333

Security, 65 SimBioSys Clinics, 170 SimBioSys Physiology Le

SimBioSys Physiology Labs, 170

Software Reviews

ADVISOR 2.0—Training Strategy Decision Support Tools, 219

Back Safety, 295 Basic Infection Control, 295 Breast Cancer Lighthouse, 9 Clinical Oncology Library on CD-ROM, 227

Clinical Simulations in Maternity Nursing II, 294

Communication Skills: Building Rapport and Trust, 291

CPR for Windows, 281

CyberPilot Pro, 47

Essentials of Cardiac Rhythm Recognition, II

Fire Safety: Computer Based Competency Training from the JCAHO, 223

Home Health Nursing: Applying Problem Solving Strategies, 289

The Merck Manual of Geriatrics TextStack, 107

The Merck Manual TextStack, 169

Mosby's Medical Encyclopedia for Health Consumers, 5

Mosby's Medical Encyclopedia for Health Professionals, 5 NATASHA-II-IV, 293

Neurological Assessment: Head Trauma, 292

Nine Month Miracle, 159 Nurses as Teachers, 167

The Physiological Origins of Heart Sounds and Murmurs: The Unique Interactive Guide to Cardiac Diagnosis, 56

Psychomotor skills: Care of the Nasogastric Tube, 221

RALE: Lung and Heart Sounds CAI Software, 110

RNdex Case Management, 299 SimBioSys Clinics and SimBioSys Physiology Labs, 170 Survey Pro 2.0, 109

Web Mapper, 47

Standardized language

classification of nursing outcomes and, for data sets for nursing and health care effectiveness, \$82

nursing interventions classification and, 23 in patient core data set, \$77 Standards

federal and private sector roles in development of minimum data sets and core health data elements and, \$23

longitudinal electronic medical records and, \$48

Structured data, integration of patient record system into primary care setting and, \$61

Students, changing roles of, in distance education, 69

Survey Pro 2.0, 109

1

Technology assessment, as framework for generating questions useful in evaluating nursing information systems, 141

Technology integration concerns regarding, 71 strategies for, 187

Telecommunications, continuing education delivery and, 17

Testing, computerized, individualized, efficacy of, 82

Trauma disorders, cumulative, ergonomic nursing workstations to prevent, 245

Troubleshooting, 120

V

Videodiscs, interactive, as method for learning and performing critical nursing skills, 155

W

WebMapper, 47 Web sites, 10, 60, 112, 176, 223

Work sampling, comparison of nursing activities associated with manual and automated documentation in intensive care unit and, 205

Workstations, ergonomic, to prevent cumulative trauma disorders, 245